ENTERNAHONALSEARCHKEPORT

International application No. PCT/JP2005/019641

A. CLASSIFICATION OF SUBJECT MATTER

IntCl. H02J1/02 (2006. 01), G05F1/56 (2006. 01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

MCl. H02J1/02 (2006.01), G05F1/56 (2006.01)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model applications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
А	JP 57-204928 A (SonyCorp.) document, Figures 1-3 (Pat	•	1-8
А	JP 48-37654 A (Hitachi, Ltd.) document, Figures 1-3 (Pat		1 - 8
* Special categories of cited documents "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 15.11.2005 "T" See patent family annex. "T" later document published after the international, filing date and not in conflict with the application but cited considered to involvity deternation but cited outderstand the principle or theory underlying the invention cann be considered novel or cannot be considered to involve an inventive step when the document combined with one or more other such documents, sure combination being obvious to a person skilled in the art "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report			erlying the invention he claimed invention cannot e considered to involve an itaken alone he claimed invention cannot e step when the document is her such documents, such on skilled in the art family rch report
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